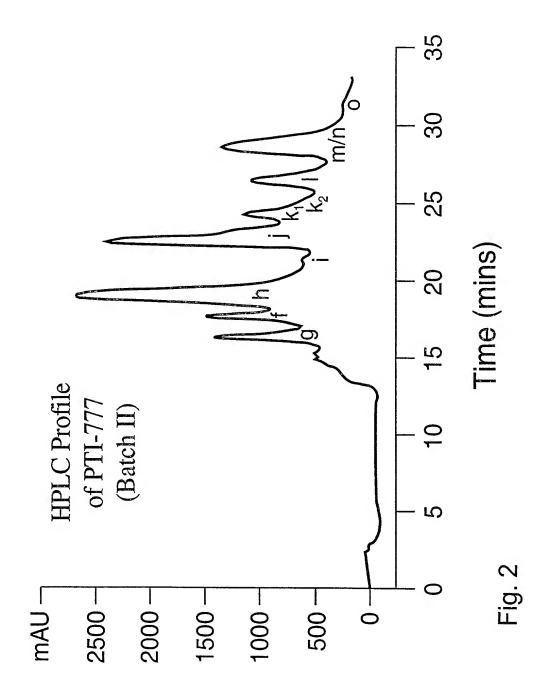
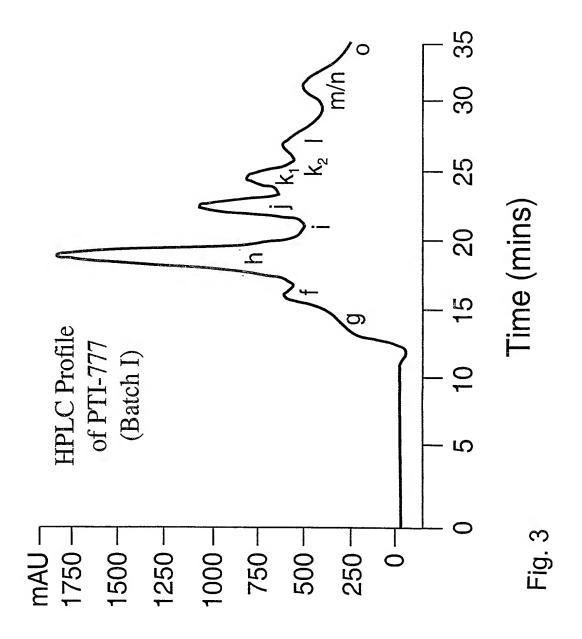
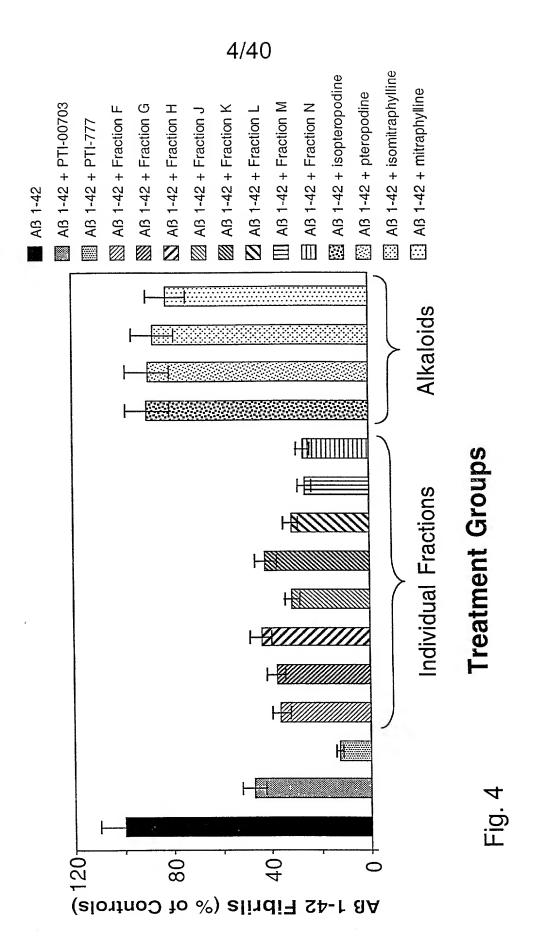


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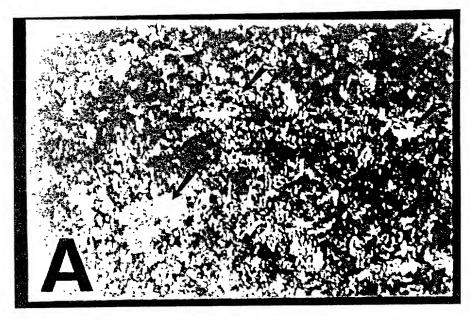


Fig. 5A



Fig. 5B

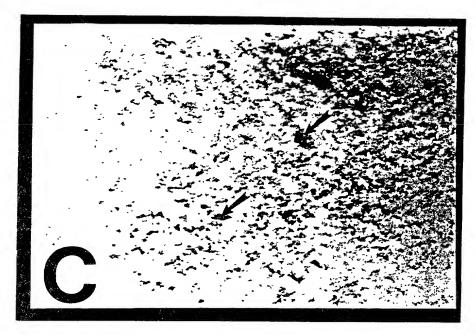
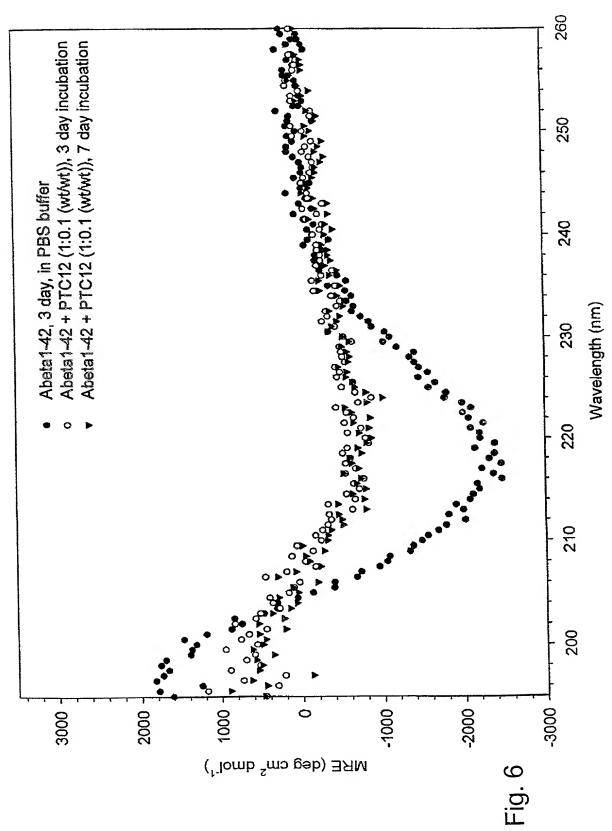


Fig. 5C



Fig. 5D



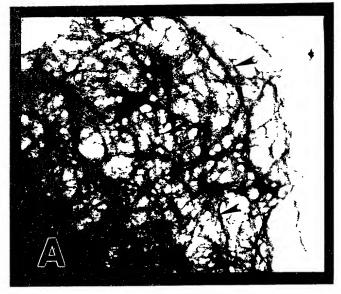


Fig. 7A

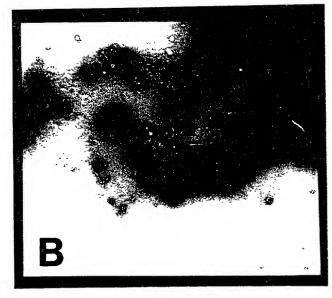
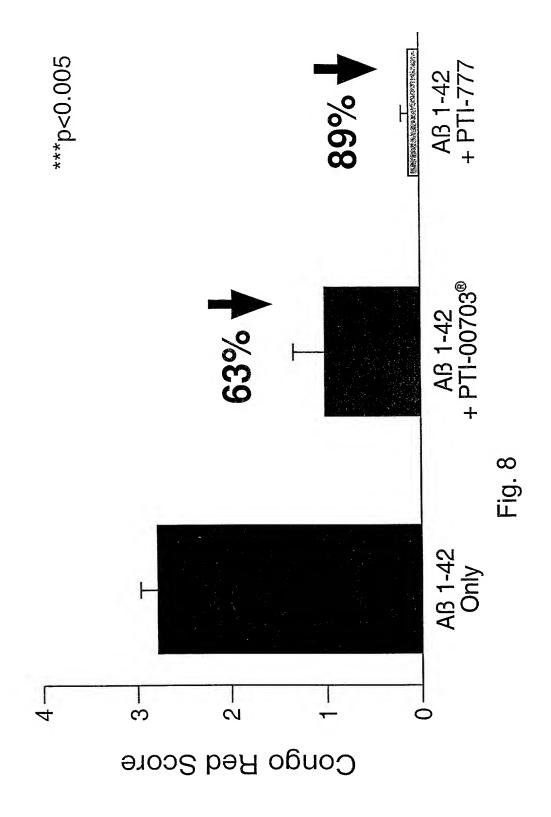


Fig. 7B



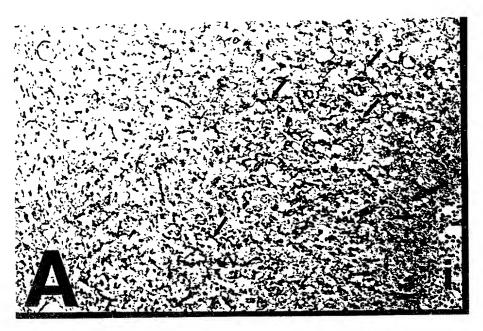


Fig. 9A

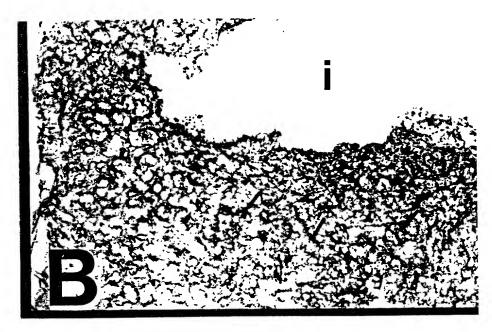


Fig. 9B

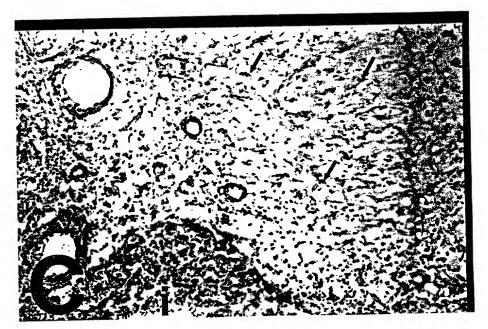
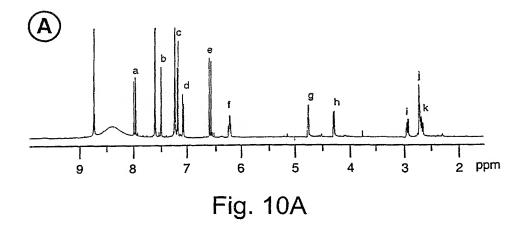


Fig. 9C



Fig. 9D



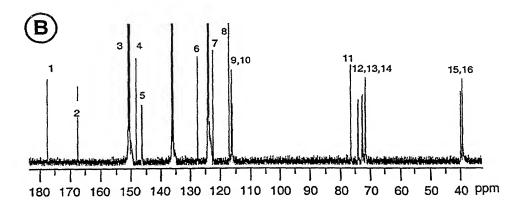
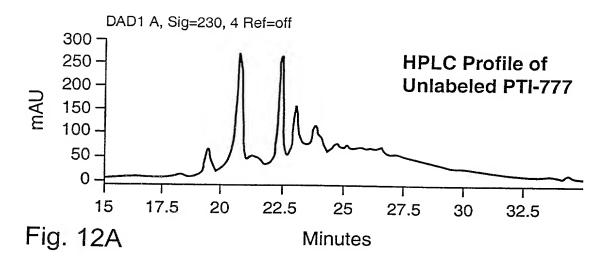
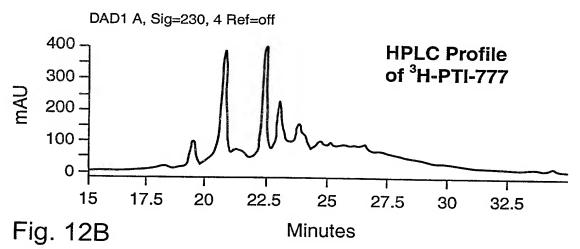
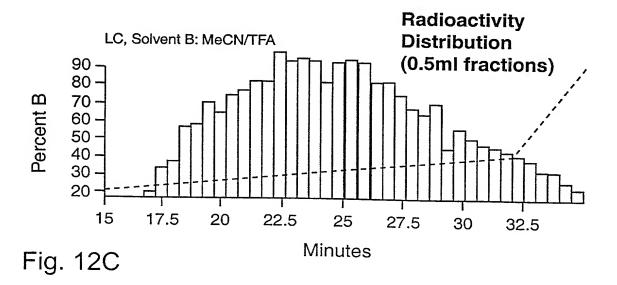
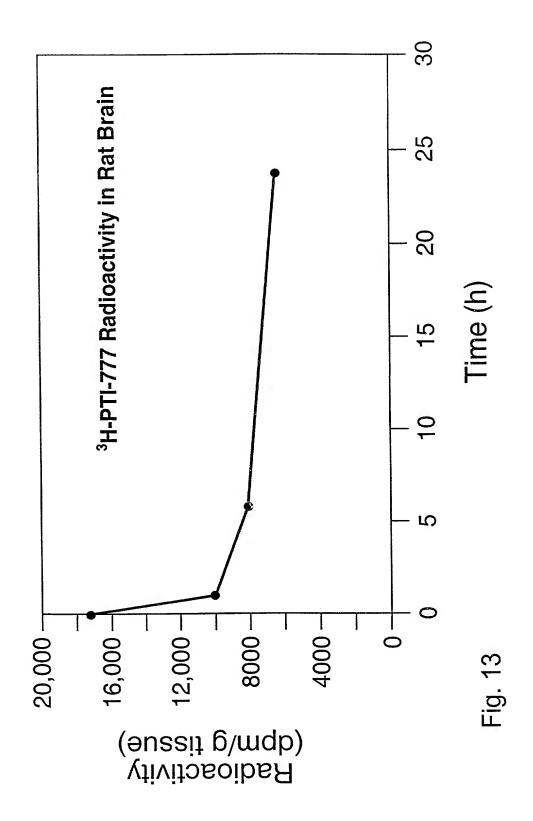


Fig.10B









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Jaguar Summed Mass Spectrum Report

File Name: Method Name: G:__41.dat

Time Run:

11/13/00 11:01:40 AM Report Created: 11/13/00 11:03:26 AM

Sample ID: Instrument:

JAGUAR

Operator:

Ionization Mode: ESI - positive ions

Spec # Range: 2706 - 2778

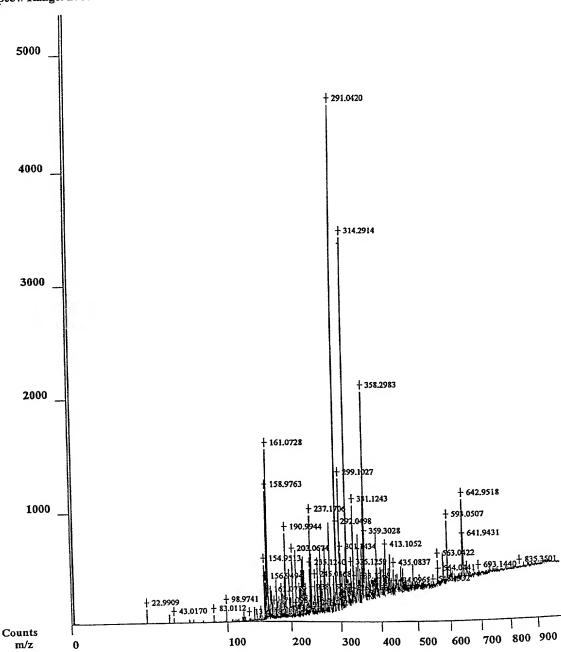
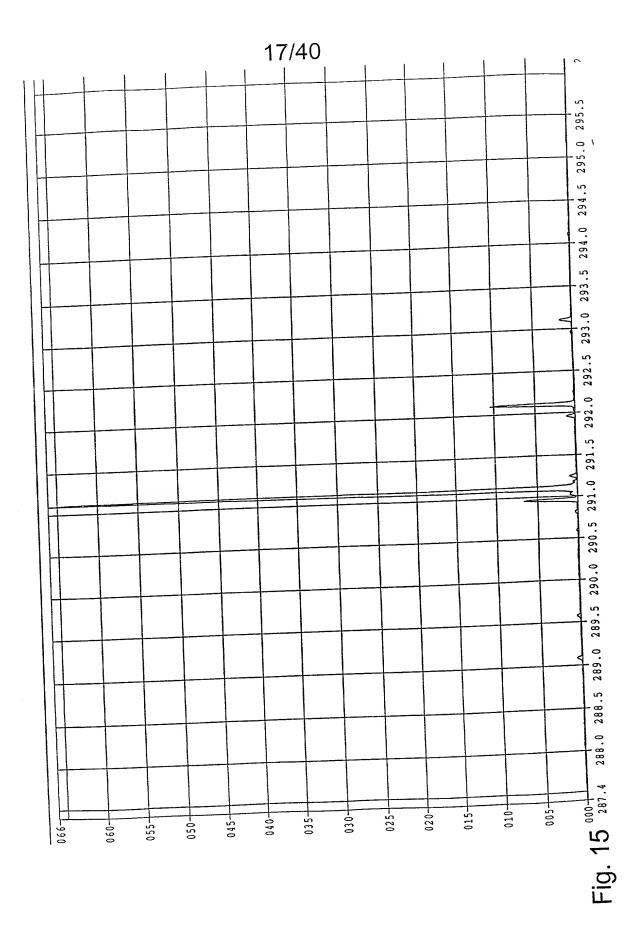


Fig. 14



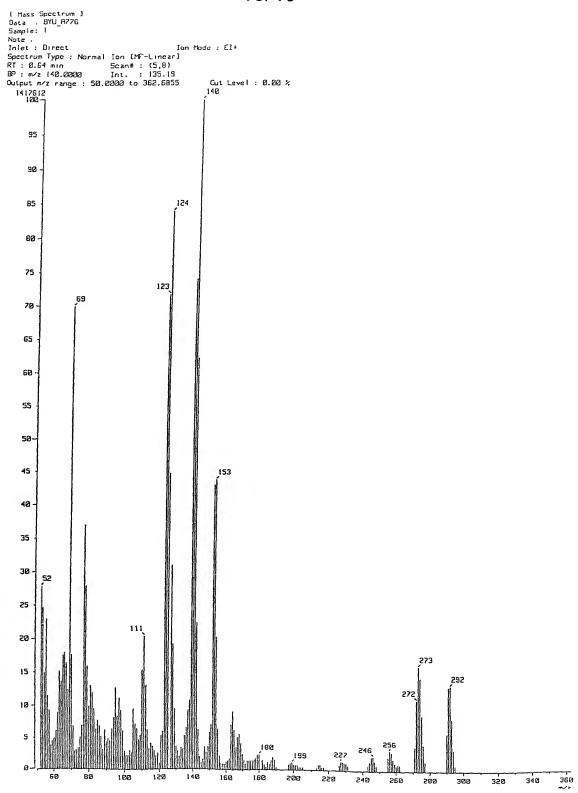


Fig. 16

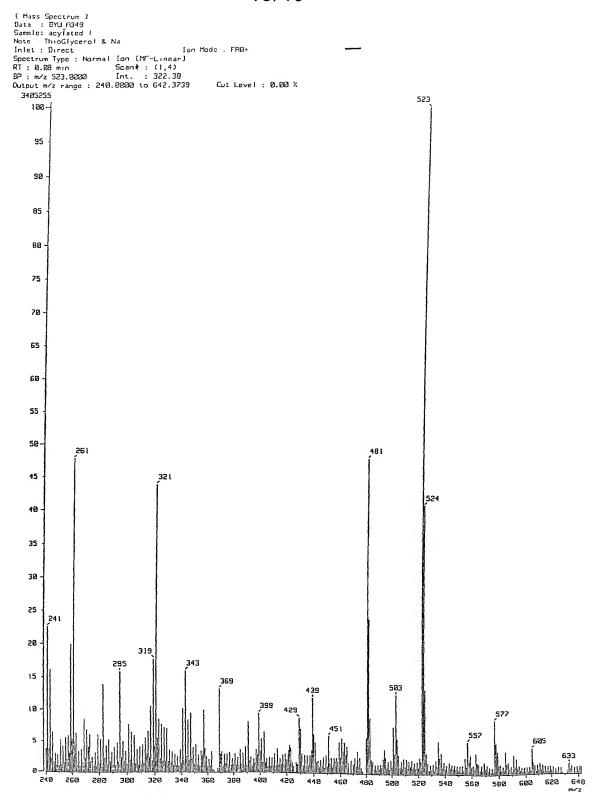


Fig. 17

1000 M

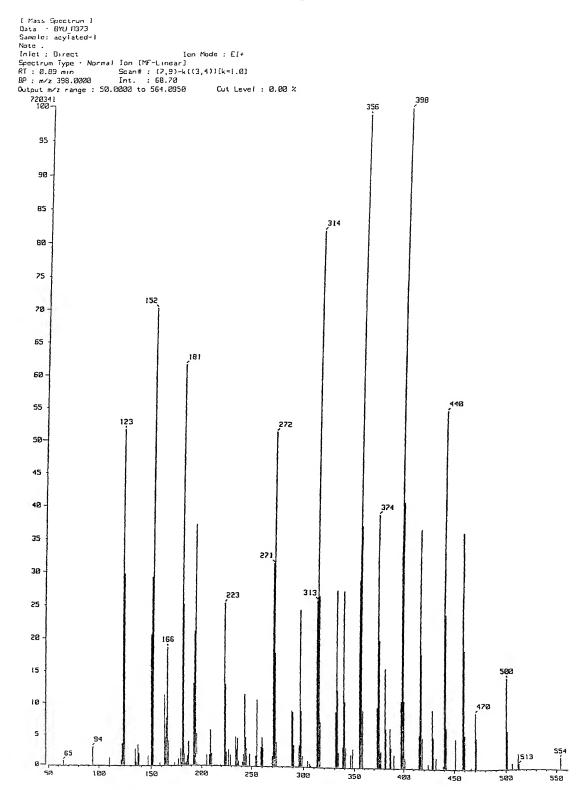
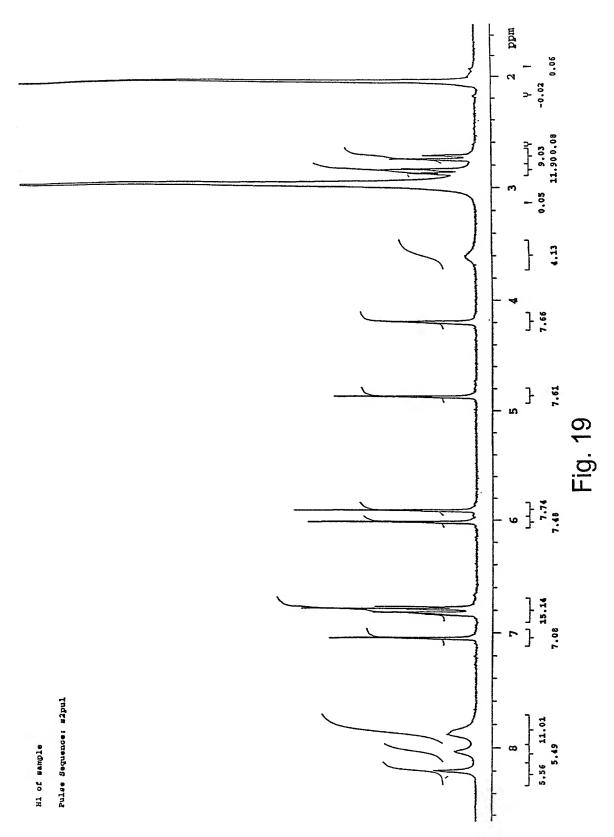
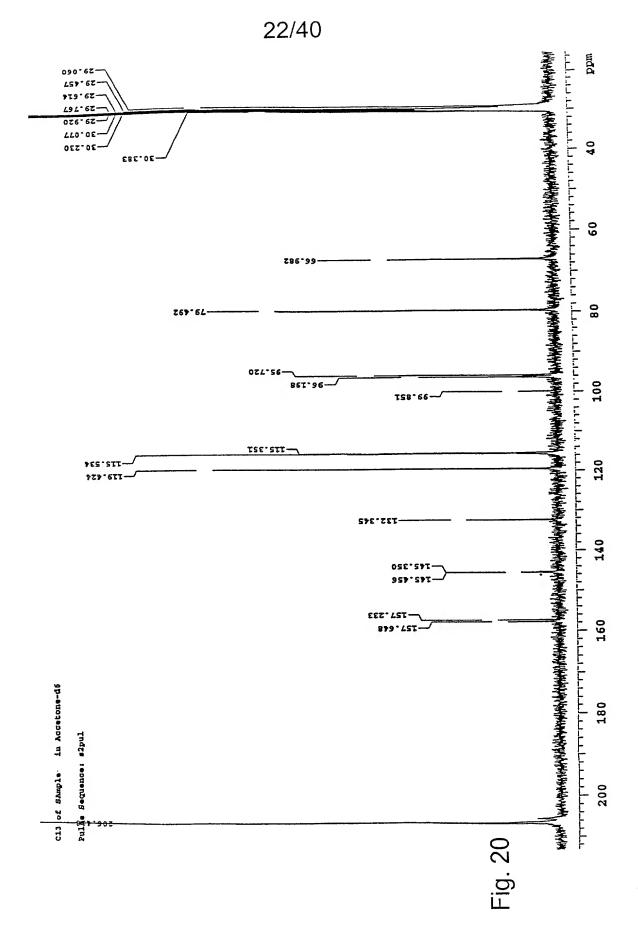
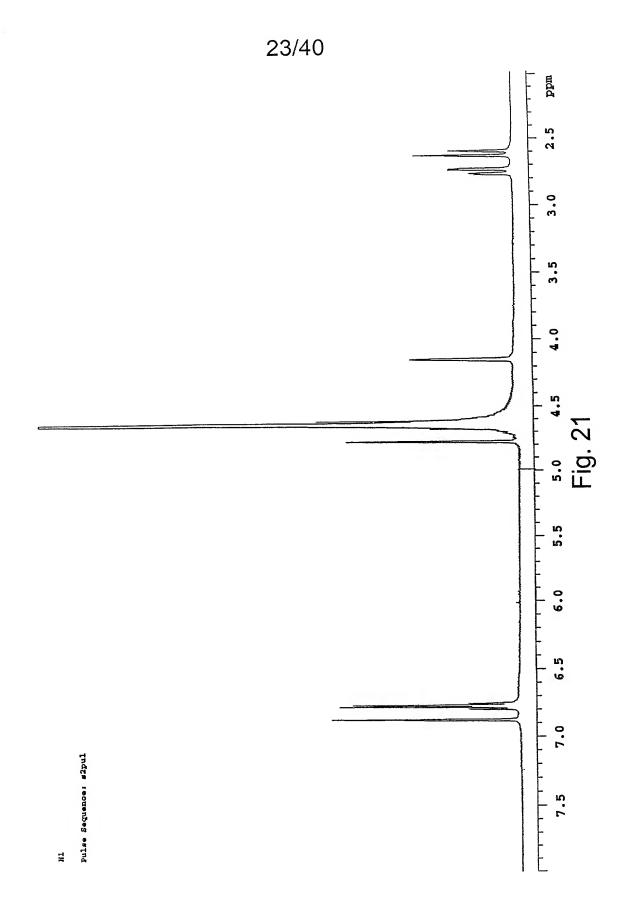


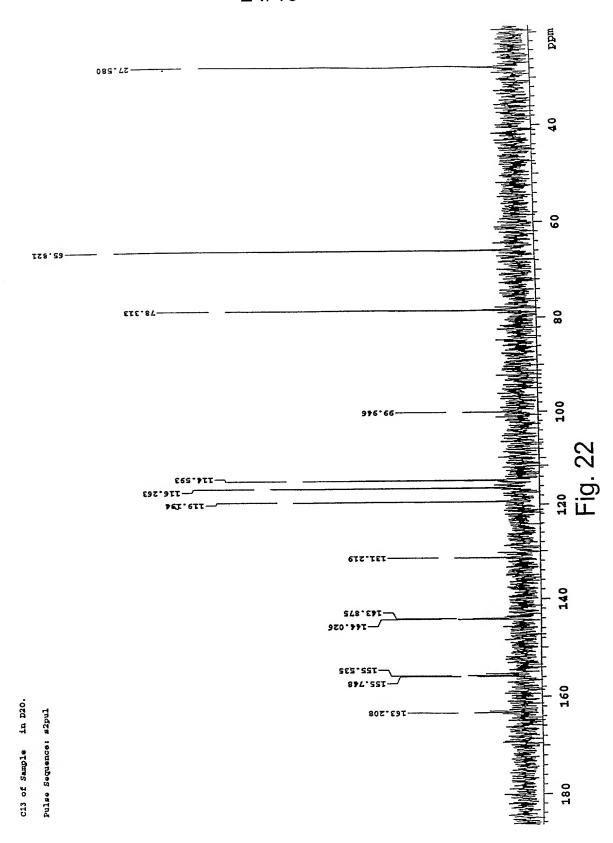
Fig. 18

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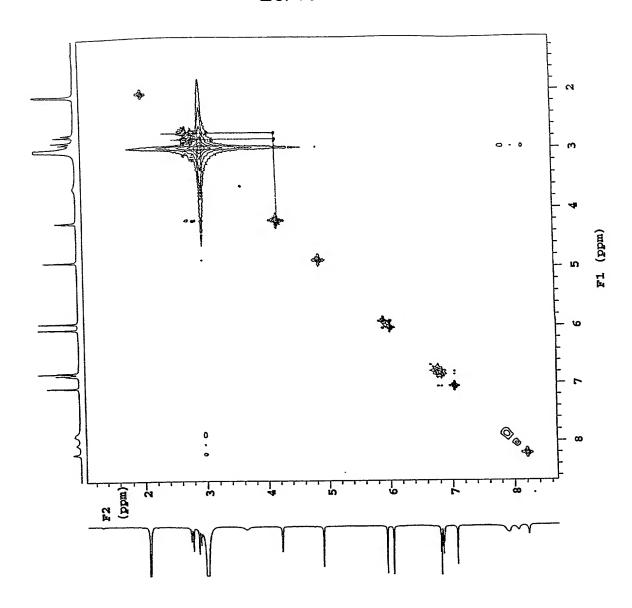


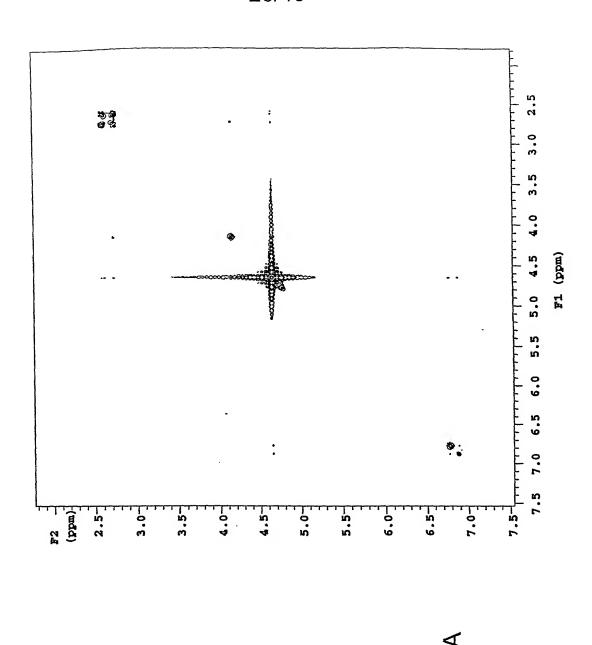
Fig. 23

Solvent: Acatone
Ambient temperature
UNITY-500 "nur500"
PULSE SEQUENCE: relayh
COSY 90-90
Acd. time 0.302 sed
Width 3817.5 Hz
2D Width 3817.5 Hz
16 repetitions
15 increments
OBSERVE H1, 499.8814428 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 1034 x 1034
Total time 14 min, 12 sed

Pulse Sequence: relayh

cosy of Sample



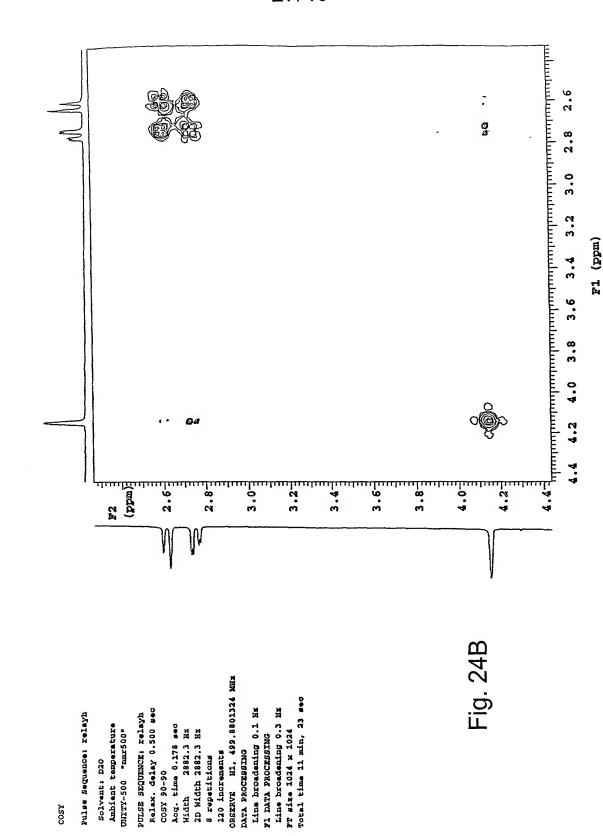


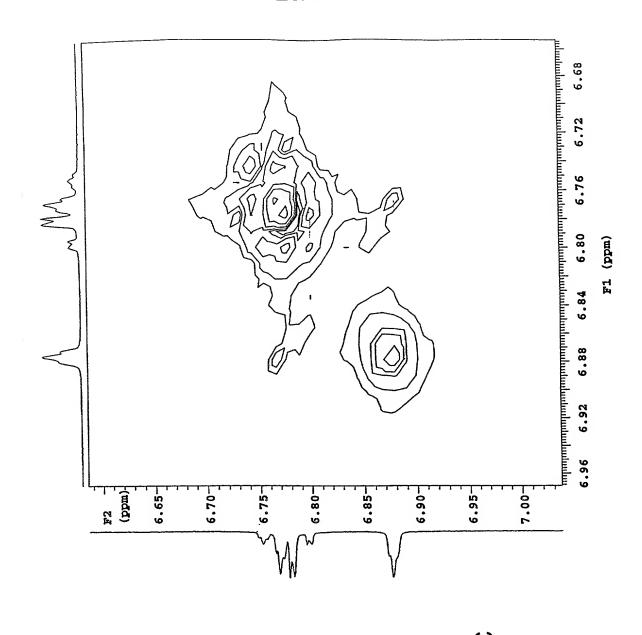
Pulse Sequences relays Ambient temperature UNITY-500 "nmr500" Solvent: D20

PULSE SEQUENCE: relayh Relax, delay 0.500 sec

Acq. time 0.178 sed Width 2882.3 Hr 2D Width 2882.3 Hr 8 repetitions 120 increments OBSERVE H1, 499.8801324 MHz DATA PROCESSING COST 90-90

Line broadening 0.1 Hm
FI DATA PROCESSING
Line broadening 0.3 Hz
Fr size 1024 x 1024
Total time 11 min, 23 sec





Acg. time 0.178 sec Width 2882.3 Hz 2D Width 2882.3 Hz 8 repetitions 120 indrements OBSERVE H1, 499.8801324 MHz

Relax. delay 0.500 sed COSY 90-90

PULSE SEQUENCE: relayh Ambient temperature UNITY-500 "nmx500"

Pulse Sequence: relayh

COSY

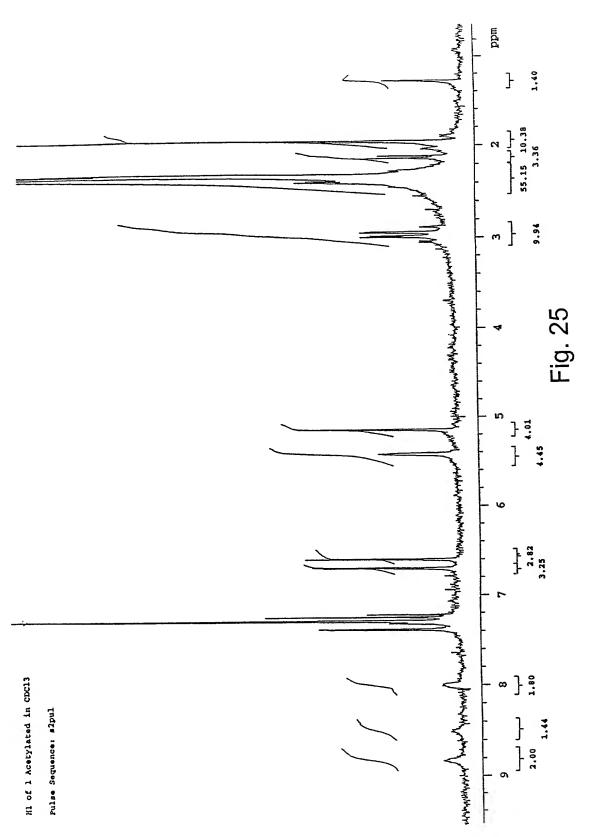
Solvent: D20

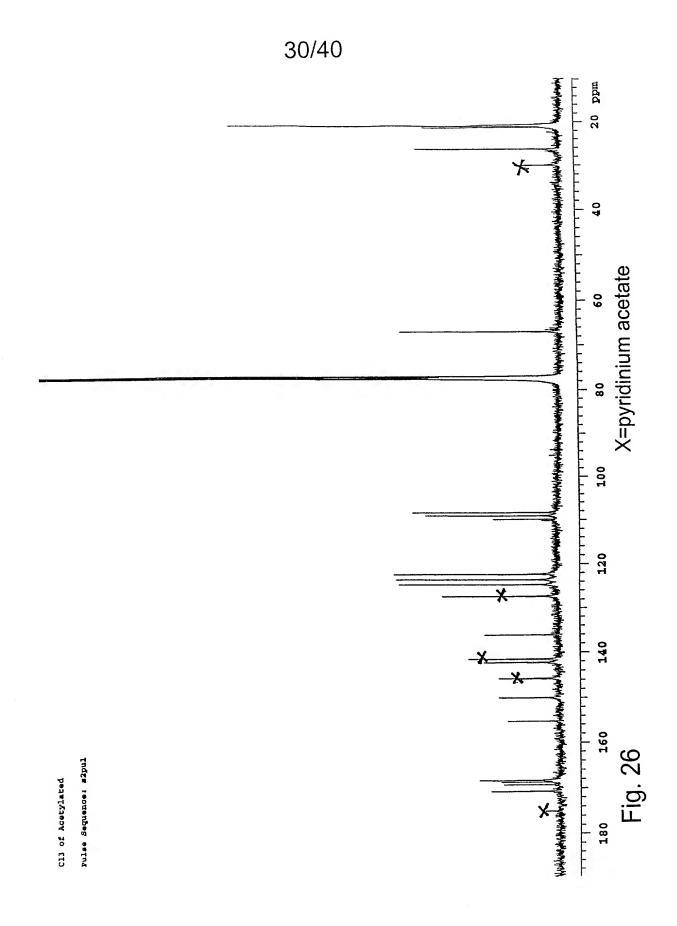
Line broadening 0.3 Hr FT size 1024 x 1024 Total time 11 min, 23 sec

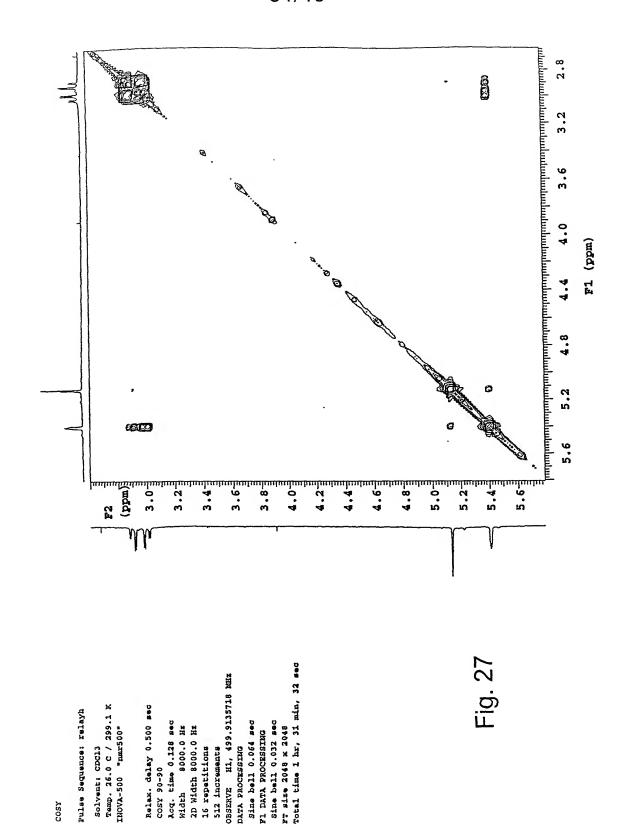
Line broadening 0.1 Ex

FI DATA PROCESSING DATA PROCESSING

Fig. 24C



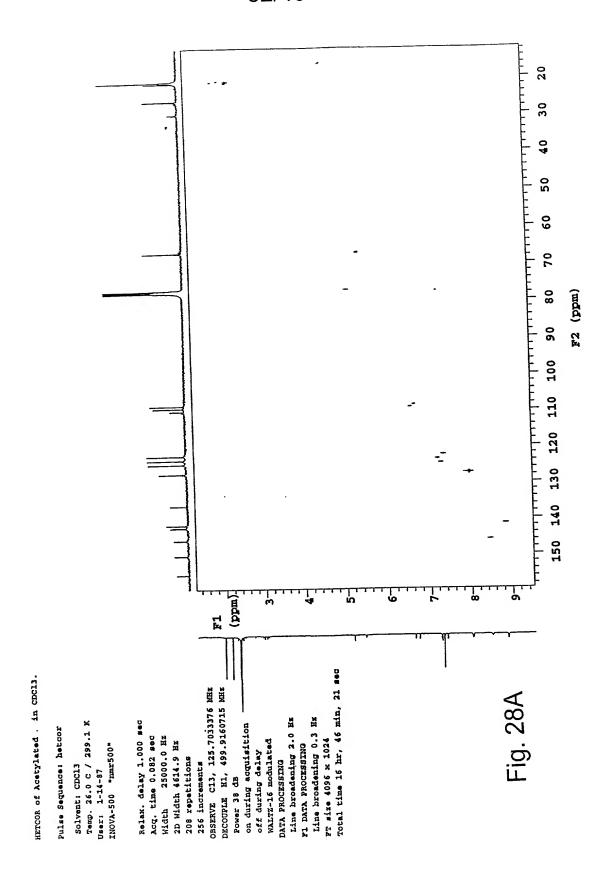


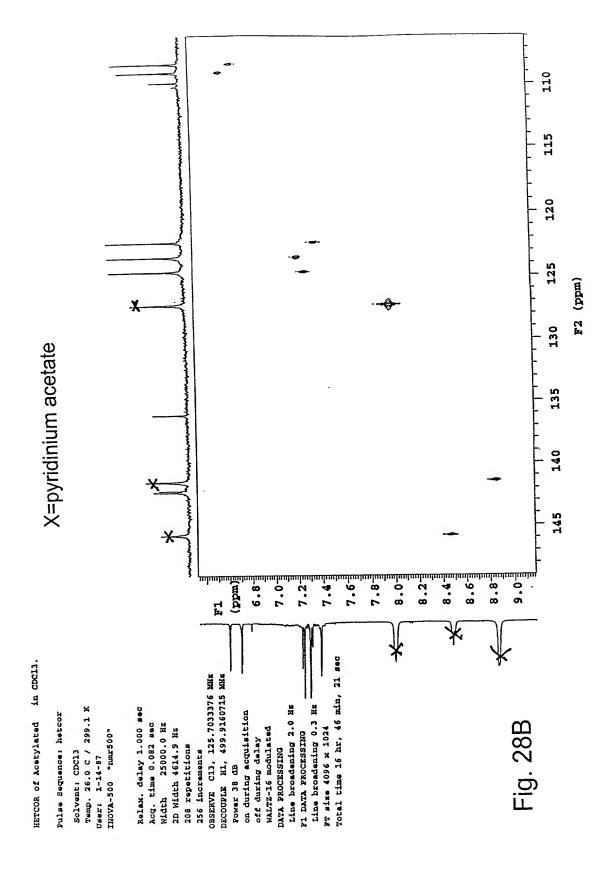


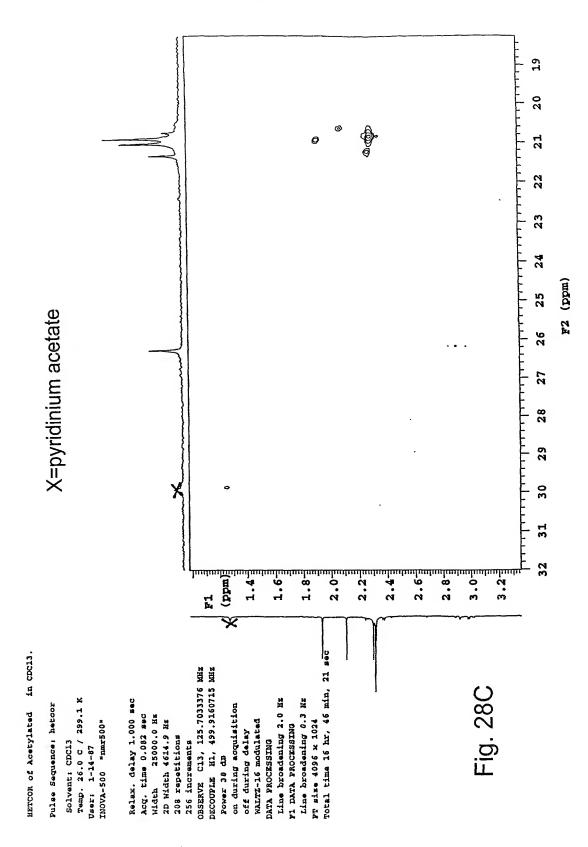
Relax. delay 0.500 sec COSY 90-90
Acq. time 0.128 sed Width 8000.0 Hz
2D Width 8000.0 Hz
16 repetitions
512 increments

Solvent: CDC13 Temp. 26.0 C / 299.1 K INOVA-500 "nmr500"

Pulse Sequence: relayh







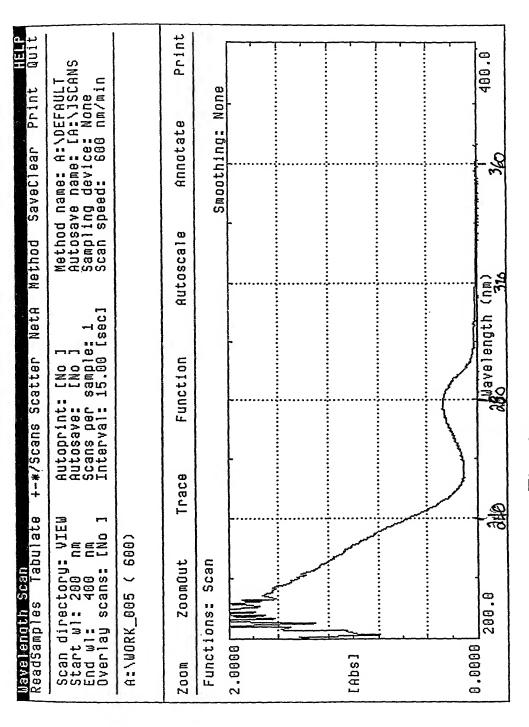


Fig. 29

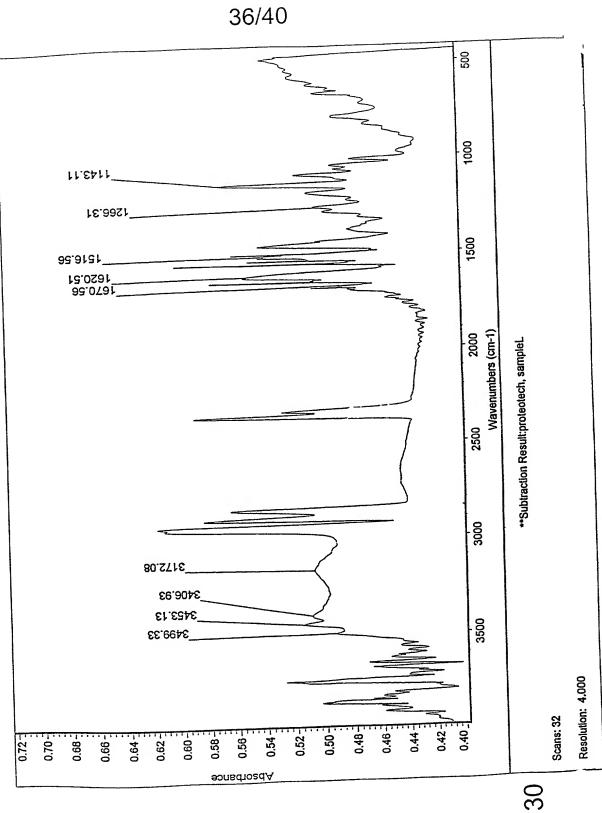
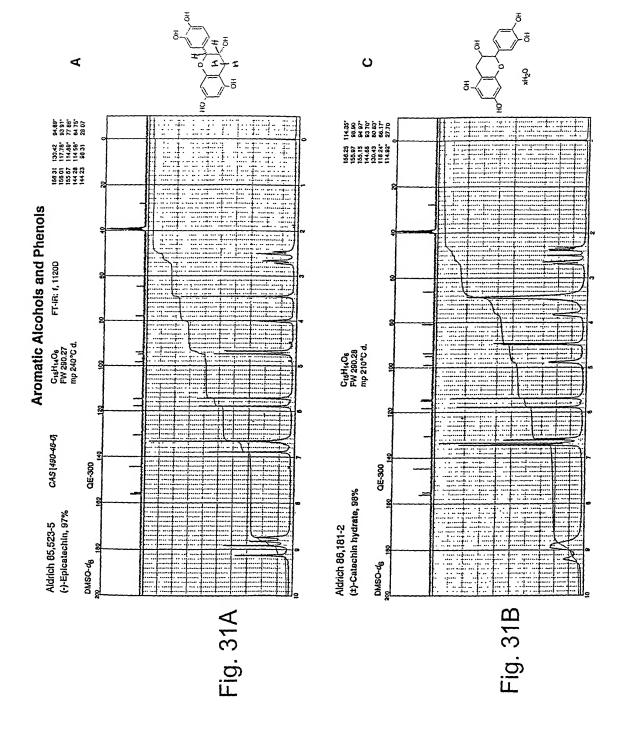
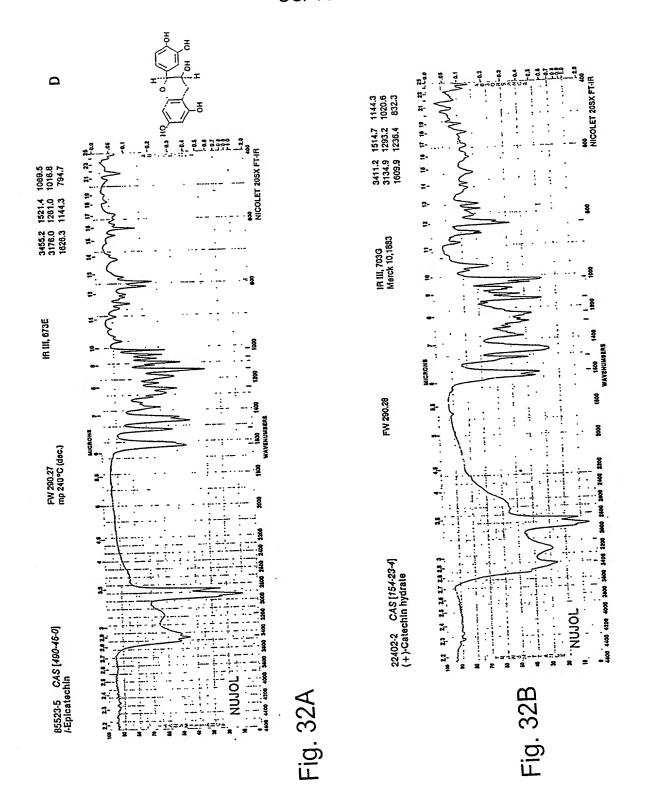


Fig. 3

1.00 paragai n 13.11



Show that the last that the fact that the same that the sa



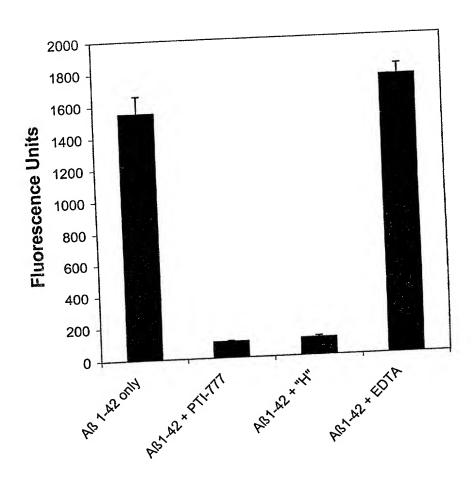


Fig. 33

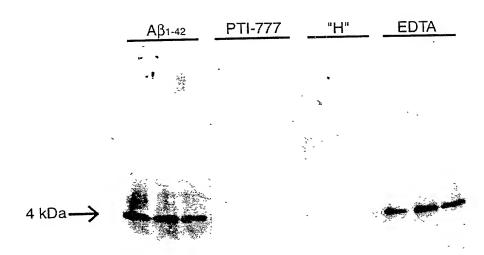


Fig. 34